IN THE CLAIMS

Please amend the claims as follows. This listing of the claims will replace all prior versions, and listings, of claims in the application:

1-11 (canceled).

- 12. (Previously presented) A method for operating a defroster heater of a refrigeration device, comprising:
 - a) recording a voltage value of a supply voltage for the defroster heater;
- b) generating a pulse-duty ratio for a pulsed supply current for said defroster heater depending on said recorded voltage value; and
- c) supplying said defroster heater with said pulsed supply current keyed according to said generated pulse-duty ratio, for a fixed heating interval.
- 13. (Previously presented) The method according to claim 12, further comprising generating said pulse-duty ratio as a decreasing step function of said recorded voltage value.
- 14. (Previously presented) The method according to claim 13, further comprising forming at least two discrete values for said step function in a predetermined permissible range of fluctuation of said voltage value.
- 15. (Currently amended) The method according to claim 13, further comprising dividing a the value range of said voltage value into a plurality of intervals,

for each said interval assigning a fixed pulse-duty ratio and providing a ratio of upper to lower limit of each interval of between 1.1 and 1.2.

- 16. (Previously presented) The method according to claim 13, further comprising assigning a pulse-duty ratio of 1 to voltage values below at least 150 VAC.
- 17. (Previously presented) The method according to claim 13, further comprising assigning a pulse-duty ratio of 1 to voltage values below at least 165 VAC.
- 18. (Previously presented) The method according to claim 12, wherein the fixed heating interval includes a substantial number of cycles of an alternating current provided by the voltage supply.
 - 19. (Previously presented) A refrigeration device, comprising: an integrated defroster heater;
 - a voltage supply coupled to said defroster heater;
- a recording circuit coupled to said voltage supply for recording a voltage value supplied to said defroster heater;

said recording circuit generating a keyed control signal with a pulse-duty ratio dependent on the recorded voltage value; and

a circuit breaker activated by said control signal for pulsing a supply current fed to said defroster heater for a fixed heating interval.

- 20. (Previously presented) The refrigeration device according to claim 19, wherein said pulse-duty ratio is generated as a decreasing step function of said recorded voltage value.
- 21. (Previously presented) The refrigeration device according to claim 20, wherein said step function has at least two discrete values.

- 22. (Previously presented) The refrigeration device according to claim 20, wherein said step function has three or more discrete values.
- 23. (Currently amended) The refrigeration device according to claim 20, wherein <u>a said</u> value range of said voltage value is divided into a plurality of intervals, each said interval has a fixed pulse-duty ratio assigned, and the ratio from upper to lower limit of each said interval is between 1.1 and 1.2.
- 24. (Previously presented) The refrigeration device according to claim 19, wherein said recording circuit assigns voltage values below 150 VAC a pulse-duty ratio of 1.
- 25. (Previously presented) The refrigeration device according to claim 19, wherein said recording circuit assigns voltage values below 165 VAC a pulse-duty ratio of 1.
- 26. (Previously presented) The refrigeration device according to claim 19, wherein the fixed heating interval includes a substantial number of cycles of an alternating current provided by the voltage supply.